

Application No. 09/831,112

Atty. Docket No. 48506-00004

*This listing of claims will replace all prior versions, and listings, of claims, in the application:*

**LISTING OF CLAIMS:**

~~Claims 1-11 (withdrawn).~~

Claim 12 (currently amended) An isolated membrane vesicle that is secreted from a mastocyte or mastocyte derived cell and which comprises one or more heterologous molecules of interest ~~selected from the group consisting of a molecule of the major histocompatibility complex, a recombinant molecule of the major histocompatibility complex, an antigen, a receptor ligand, a ligand receptor, a nucleic acid, a pharmacological product, a tracer and a purification peptide.~~

Claim 13 (cancelled).

Claim 14 (cancelled).

Claim 15 (currently amended) The isolated vesicle according to claim 12 ~~14~~, in which said heterologous molecule is a ligand receptor, and which further comprises another heterologous molecule of interest.

Claims 16-31 (withdrawn).

Claim 32 (currently amended) A composition comprising one or more isolated membranes vesicles according to ~~any one of claims~~ claim 12, 13, 14 and or 15.

Claims 33-51 (withdrawn).

Claim 52 (previously presented) The isolated membrane vesicle according to claim 12, wherein said heterologous molecule is present on the surface of the vesicle.

Claim 53 (currently amended) The isolated membrane vesicle according to claim ~~14~~ 12, wherein said heterologous molecule is a recombinant class II molecule of the major histocompatibility complex.

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Claim 54 (previously presented) The isolated membrane vesicle according to claim 53, wherein said recombinant class II molecule of the major histocompatibility complex is an  $\alpha$  chain.

Claim 55 (previously presented) The isolated membrane vesicle according to claim 53, wherein said recombinant class II molecule of the major histocompatibility complex comprises an  $\alpha$  chain and a  $\beta$  chain.

Claim 56 (previously presented) The isolated membrane vesicle according to claim 53, claim 54 or claim 55, wherein said recombinant class II molecule of the major histocompatibility complex is chosen from among the serotypes DR1, DR2, DR3, DR4, DR5, DR6, DR7, DR8, DR9, DR10, DR11, DR12 and DR13.

Claim 57 (withdrawn).

Claim 58 (previously presented) The isolated membrane vesicle according to claim 14, further comprising a complex between a defined peptide and said recombinant molecule of the major histocompatibility complex.

Claim 59 (previously presented) The isolated membrane vesicle according to claim 56, wherein said recombinant class II molecule of the major histocompatibility complex is the serotype DR1.